

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/003043

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K31/015 A61K31/136 A61P23/00 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/040084 A (MERZ PHARMA GMBH & CO. KGAA; PARSONS, CHRISTOPHER, GRAHAM, RAPHAEL; HE) 15 May 2003 (2003-05-15) claims 6,9 ----- WO 99/01416 A (MERZ + CO. GMBH & CO) 14 January 1999 (1999-01-14) claims 1,12 page 46, line 26 page 46, line 29 ----- WO 01/98253 A (MERZ + CO. GMBH & CO) 27 December 2001 (2001-12-27) claims 1,8,9 ----- -/--	1,6-10, 13,14
X		1,6-10, 13,14
X		1,6-10, 13,14

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

1 March 2005

Date of mailing of the international search report

08/03/2005

Name and mailing address of the ISA

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PCT/IB2004/003043

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PARSONS C G ET AL: "Memantine and the amino-alkyl-cyclohexane MRZ 2/579 are moderate affinity uncompetitive NMDA receptor antagonists: In vitro characterisation"</p> <p>AMINO ACIDS, SPRINGER VERLAG, AU, vol. 19, no. 1, 2000, pages 157-166, XP002292645</p> <p>ISSN: 0939-4451 page 163, last paragraph</p> <p>-----</p>	1,6-10, 13,14
A	<p>DANYSZ W ET AL: "AMINO-ALKYL-CYCLOHEXANS AS A NOVEL CLASS OF UNCOMPETITIVE NMDA RECEPTOR ANTAGONISTS"</p> <p>CURRENT PHARMACEUTICAL DESIGN, BENTHAM SCIENCE PUBLISHERS, SCHIPHOL, NL, vol. 10, no. 10, 2002, pages 835-843, XP008030349</p> <p>ISSN: 1381-6128 page 842, paragraph 5</p> <p>-----</p>	

INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: — because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1 – 24 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: — because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: — because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.: —
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: —

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/003043

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03040084	A	15-05-2003	CA 2465738 A1 EP 1442008 A1 WO 03040084 A1 HU 0402028 A2 US 2003166634 A1	15-05-2003 04-08-2004 15-05-2003 28-01-2005 04-09-2003
WO 9901416	A	14-01-1999	AT 240936 T AU 724974 B2 AU 8804298 A CA 2292558 A1 CZ 9904571 A3 DE 69814878 D1 DE 69814878 T2 DK 1009732 T3 EA 2254 B1 WO 9901416 A2 EP 1009732 A2 ES 2200358 T3 FI 992801 A HK 1029574 A1 HU 0100266 A2 IL 133235 A JP 2002511873 T NO 996548 A PL 337809 A1 PT 1009732 T TW 593225 B US 6071966 A US 6034134 A ZA 9805678 A	15-06-2003 05-10-2000 25-01-1999 14-01-1999 14-06-2000 26-06-2003 19-05-2004 22-09-2003 28-02-2002 14-01-1999 21-06-2000 01-03-2004 29-12-1999 12-11-2004 29-05-2002 19-02-2004 16-04-2002 28-02-2000 11-09-2000 31-10-2003 21-06-2004 06-06-2000 07-03-2000 10-01-2000
WO 0198253	A	27-12-2001	AU 8186101 A CA 2410852 A1 CZ 20030497 A3 WO 0198253 A2 EP 1303477 A2 HU 0301551 A2 JP 2004501130 T NO 20026103 A PL 359583 A1 TW 593223 B ZA 200104187 A	02-01-2002 27-12-2001 18-08-2004 27-12-2001 23-04-2003 28-11-2003 15-01-2004 19-02-2003 23-08-2004 21-06-2004 22-11-2002